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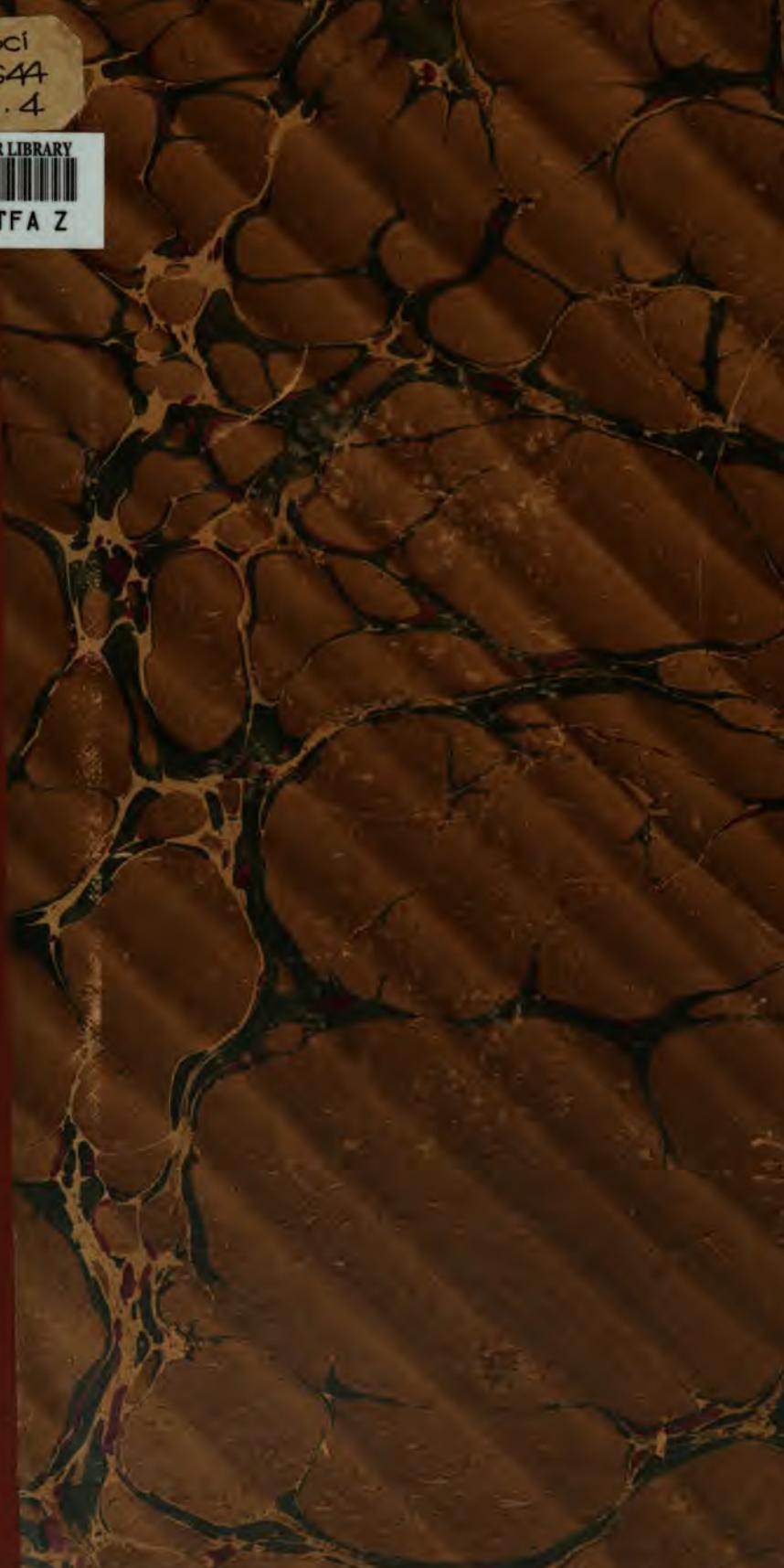
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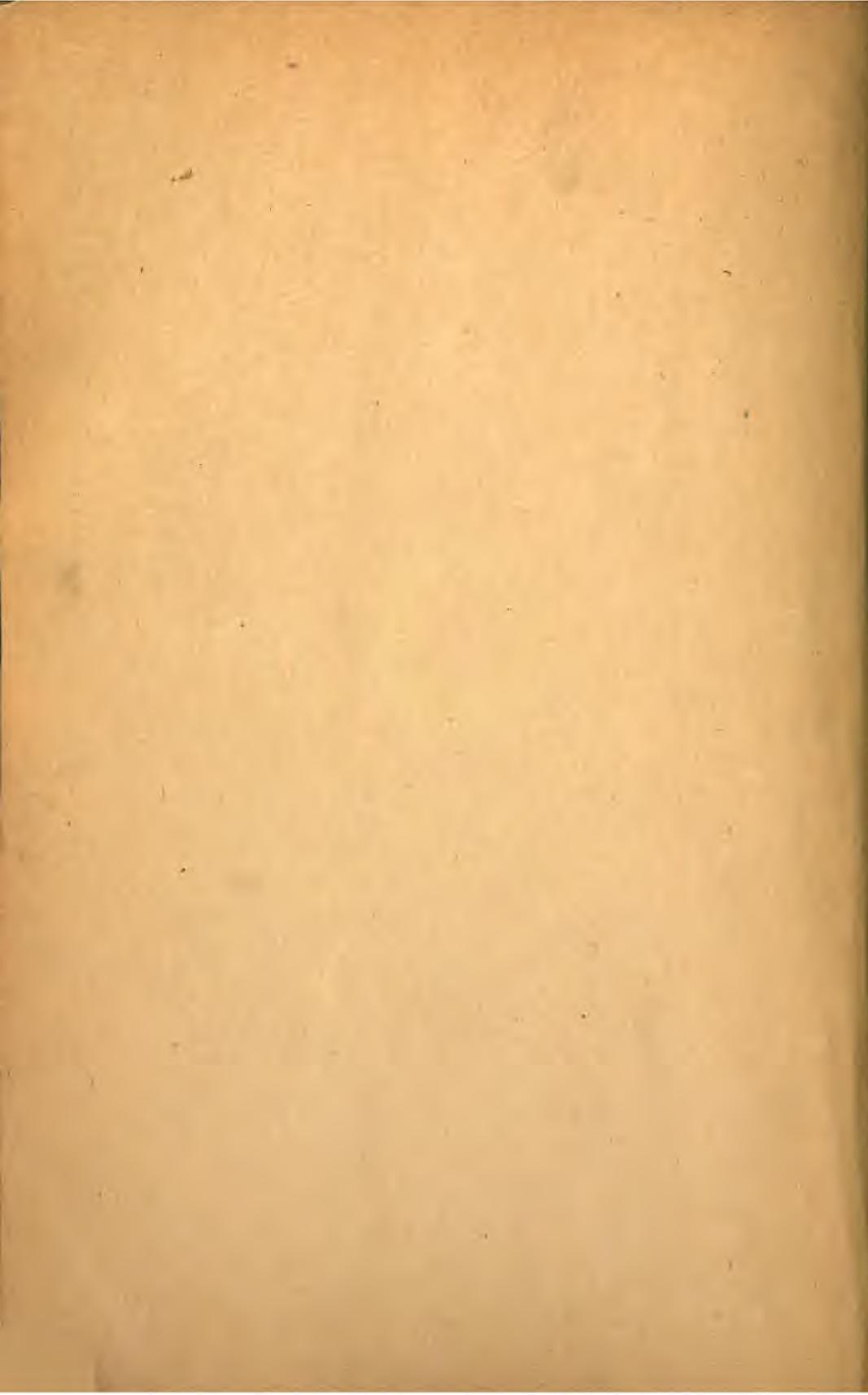


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# Bulletin of the Virginia State Library

(Issued Quarterly)

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Vol. XI

JULY, OCTOBER, 1918

Nos. 3, 4

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## An Analysis of Ruffin's Farmers' Register, with a Bibliography of Edmund Ruffin

By EARL G. SWEM  
Assistant State Librarian



RICHMOND:  
DAVIS BOTTOM, SUPERINTENDENT OF PUBLIC PRINTING  
1918

## PUBLICATIONS OF THE VIRGINIA STATE LIBRARY.

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- The titles marked with an asterisk can no longer be supplied.
- Journals of the House of Burgesses, 1619-1658. Ed. by H. R. McIlwaine. 1915. 283 p. \$10.
- Journals of the House of Burgesses, 1659-60-1693. Ed. by H. R. McIlwaine. 1914. 529 p. \$10.
- Journals of the House of Burgesses, 1695-1702. Ed. by H. R. McIlwaine. 1913. 414 p. \$10.
- Journals of the House of Burgesses, 1702-1712. Ed. by H. R. McIlwaine. 1912. 369 p. \$10.
- Journals of the House of Burgesses, 1712-1726. Ed. by H. R. McIlwaine. 1911. 441 p. \$10.
- Journals of the House of Burgesses, 1727-1740. Ed. by H. R. McIlwaine. 1910. \$10.
- Journals of the House of Burgesses, 1742-1749. Ed. by H. R. McIlwaine. 1909. 427 p. \$10.
- Journals of the House of Burgesses, 1752-1758. Ed. by H. R. McIlwaine. 1909. 551 p. \$10.
- Journals of the House of Burgesses, 1758-1761. Ed. by H. R. McIlwaine. 1908. 313 p. \$10.
- Journals of the House of Burgesses, 1761-1765. Ed. by J. P. Kennedy. 1907. 383 p. \$10.
- Journals of the House of Burgesses, 1766-1769. Ed. by J. P. Kennedy. 1906. 372 p. \$10.
- Journals of the House of Burgesses, 1770-1772. Ed. by J. P. Kennedy. 1906. 333 p. 10.
- Journals of the House of Burgesses, 1773-1776. Ed. by J. P. Kennedy. 1905. 201 p. \$10.
- Legislative Journals of the Council of Virginia. Volume 1. Edited by H. R. McIlwaine. 1918. 591 p. \$10. Not ready for sale or distribution until volume 3 is printed.
- Legislative Journals of the Council of Virginia. Volume 2. Edited by H. R. McIlwaine. 1918. p. 592-1113. 10. Not ready for sale or distribution until volume 3 is printed.
- Legislative Journals of the Council of Virginia. Volume 3. Edited by H. R. McIlwaine. In press.
- First annual report of the Library Board for year ending June 30, 1904. 1904. 106 p.
- Second annual report of the Library Board for year ending October 31, 1905. 1905. 134 p.
- Third annual report of the Library Board for year ending October 31, 1906. 1906. 152 p.
- \*Fourth annual report of the Library Board for year ending October 31, 1907. 1907. 134 p. Appendix C. List of manuscripts exhibited by the Library at the Jamestown Exposition. Appendix D. Provisional list of works on genealogy in the State Library.
- \*Fifth annual report of the Library Board for year ending October 31, 1908. 1908. 132, 302, 154 p. Special report: A calendar of legislative petitions, Accomac to Bedford, by H. J. Eckenrode, 302 p. \$1.00. Special report: A trial bibliography of colonial Virginia, 1608-1754, by W. C. Torrence. 154 p. \$.50.
- Sixth annual report of the Library Board for year ending October 31, 1909. 1909. 96, 164, 94 p. Special report: Separation of church and state in Virginia, by H. J. Eckenrode. 164 p. \$1.00. Special report: A trial bibliography of colonial Virginia, 1754-1776, by W. C. Torrence. 94 p. \$.50.

(Continued on p. 3 of Cover.)

# Bulletin of the Virginia State Library

(Issued Quarterly)



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Volume II.

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RICHMOND:  
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1919



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By EARL G. SWEM  
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## Introductory Note

The "Farmers' Register" was a monthly magazine of 64 pages, edited and published by Edmund Ruffin from June, 1833, to December, 1842. It was the second agricultural periodical published in Virginia. The first was the "Virginia Farmer," edited and published by Theodorick McRobert at Scottsville.\* A short time after the advent of the Register, the "Virginia Farmer" ceased publication. Mr. Ruffin published his magazine under many difficulties. Although he had acquired a competence from farming as the result of the most patient investigation and most efficient management of the ancestral estate at Coggins Point for the preceding twenty years, yet he had to overcome a strong popular prejudice against "book farming." Correspondents who were willing to write to him of farming conditions in other parts of the State were few, and could not be depended upon to write regularly. It was necessary therefore for him to prepare many of the papers in the Register himself, and sign them with initials that would not disclose the identity of the writer. In the N. F. Cabell manuscripts relating to agriculture in Virginia (now in the Virginia State Library), there is a list of all the anonymous authors in the ten volumes of the Register. This list was compiled by Mr. Ruffin at the request of Mr. Cabell. By means of this list, I have been able, in preparing this analysis, to determine the authors' names of nearly all the unsigned or anonymously signed articles. Mr. Cabell remarks that the large number of papers he found that Mr. Ruffin had written, and which no one had suspected were from his pen, was a distinct revelation to him. In addition to original contributions by himself and other Southern correspondents, he reprinted, occasionally, selected articles from American, British, and French agricultural journals.

In preparing this analysis, I have included references only to original contributions and to reprinted papers from southern periodicals.

The publisher made no money from the Register. He had undertaken it with no thought of pecuniary profit, but hoped that it would at least pay expenses. In order to be independent, he refused all advertisements, and would not use his editorial columns for "puffing" commercial projects which he knew to be dishonest. He eschewed all reference to politics until the volumes issued in 1841 and 1842. The intolerable burdens of the state banking system as then administered, he could bear no longer without some remonstrance. He spoke plainly and incisively. To his attitude at this time may be due the loss of some of the patronage of the Register, which he abandoned in December, 1842.

The "Farmers' Register" in its ten volumes is one of the most authoritative sources we have for the study of agricultural and other economic questions of the ante-bellum period in Virginia. And yet most students and writers have entirely neglected it, preferring to examine and quote the superficial and biased accounts of travelers in Virginia, and the partisan mis-statements of political speakers and newspaper editors. Mr. Ruffin was a hater of ignorance, of pretense, of self-satisfaction, whether displayed in the Virginia farmer who refused to acknowledge that farming could be written about, or in the northern agitator who believed that all economic ills of Virginia could be traced to slavery. These characteristics, coupled with his deep suspicion of professional politicians both north and south, give the Register a marked individuality.

When only 18 years of age, in 1812, he began his career as a farmer. A copy of John Taylor's "Arator" falling into his hands, he determined to apply some of the principles therein taught, to the development of his

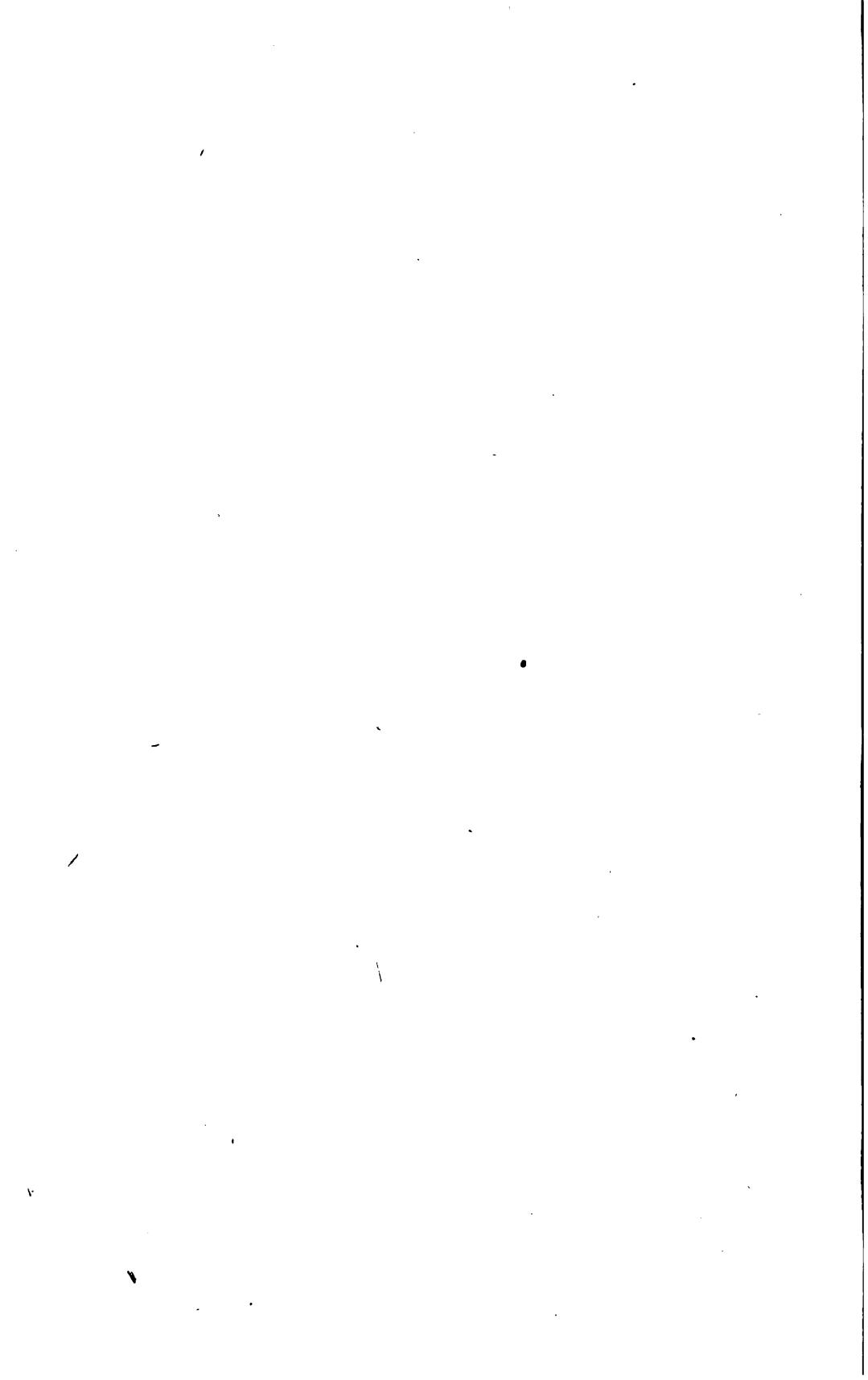
\*See note on "The Virginia Farmer" by Alfred Morrison in the "William and Mary College Quarterly," v. 23, p. 172. No copies of "The Virginia Farmer" are known to be extant. Several numbers were issued, but how many is not known.

estate at Coggins Point on the James River. He found that he could not apply Taylor's suggestions to his own farm, and not being content to stand still or retrograde, he began to make experiments for himself. With the aid of Davy's "Agricultural Chemistry," he trained himself to be an original investigator, and in a few years he had developed his theory of the need of lime in the old soils of Virginia. He discovered on his farm, in the beds of marl, that the estate could supply its own fertilizer. After more experiments, he published the results of his observations in the "American Farmer" in 1821, vol. 3, page 313. This was the first appearance of his "Essay on Calcareous Manures," though the first edition did not appear in book form till 1832. A second edition was published in 1835, a third in 1842, a fourth in 1844, and a fifth in 1852. In the estimation of students of American agriculture, this work remains to-day one of the most exhaustive and thorough studies ever made upon an agricultural subject by an American writer. Though the use of marl in Eastern Virginia has been abandoned, due to the higher cost of labor, and to the cheapness of commercial fertilizer, no one denies that in Mr. Ruffin's time his doctrine of the use of marl was sound.\* The revival and successful development of Virginia agriculture in the period 1830-1860 was due as much to the use of marl as to any one other cause. No better proof of the value of marl can be found than the reports which Ruffin occasionally published of the increased production of his own farms. One cannot read his "Farming Profits in Eastern Virginia" in the "Southern Planter," v. 9, 1849, p. 226-237, without deep admiration for his genius.

EARL G. SWEM.

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\*It is interesting to observe that during the present war the United States Department of Agriculture investigated the marl beds in Eastern Virginia with a view to advocating the use of marl both during and after the war.



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## Bibliographical Note

The farmers' register: a monthly publication, devoted to the improvement of the practice, and support of the interests of agriculture . . . Edmund Ruffin, editor and proprietor.

v. 1 and 2 bear the imprint "Shellbanks, Va." v. 3-10 have the imprint "Petersburg, Va."

Volume 1, 1833/34. xii (title page and index), 776 p. No. 1 was issued in June, 1833, No. 12 in May, 1834. p. 769-776 is a list of subscribers.

Volume 2, 1834/35. xi (title page and index), 776, viii, 116 p. No. 1 was issued in June, 1834, No. 12 in May, 1835. A supplement, p. 257-264 was issued to No. 4, and a supplement of viii, 116 p. to No. 12, being the 2d ed. of the Essay on calcareous manures.

Volume 3, 1835/1836. ix (title page and index). 768 p. No. 1 was issued in May 1835 (No. 12 of v. 2 also having been issued in May 1835); No. 12 was issued in April, 1836.

Volume 4, 1836/37. viii (title page and index), 768 p. No. 1 was issued in May, 1836, and No. 12 in April, 1837.

Volume 5, 1837/38. vii (title page and index), 768 p. No. 1 was issued in May, 1837, No. 8 on Dec. 1, 1837, No. 9 on Dec. 15, 1837, and No. 12 in March, 1838.

Volume 6, 1838. vii (title page and index), 768 p. No. 1 was issued in April, 1838, and No. 12 in Dec. 1838. Davy's Agricultural Chemistry was printed in full as Nos. 10 and 11, but with no date heading; instead of numbering this "Nos. 10 and 11," it bears "number 11." Mr. Ruffin made this arrangement in order to begin his volume with the calendar year.

Volume 7, 1839. vii (title page and index), 768 p. No. 1 was published in Jan. 1839, and No. 12 in December, 1839.

Volume 8, 1840. vii (title page and index), 772 p. No. 1 was published in Jan. 1840, and No. 12 in Dec. 1840. The December No. was a reprint of Arator by John Taylor, being the 7th ed. of this work.

Volume 9, 1841. vii (title page and index), 720, 144 p. The first number was issued in January, 1841, and No. 12 in December, 1841. In Oct. the publication of Byrd's Westover mss. was begun with separate paging, and was continued in the following months until completed in December in 144 p. This was intended by the editor as a supplement and should be bound with the Register volume 9.

Volume 10, 1842. v (title page and index), 524, 316 p. No. 1 was issued in Jan. 1842, and No. 12 in December, 1842. The issue for Dec. is No. 12 and supplement, and is the third edition of the Essay on calcareous manures in 316 p.

Volume 11, 1843. Mr. Ruffin ceased to be editor with the Dec. 1842 Number. Mr. T. S. Pleasants became editor and proprietor. Several numbers were issued in 1843, and then the publication was abandoned. I have never seen any copies of volume 11.

# Virginia

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## GENERAL DESCRIPTION

- [Dabney, Augustin] On the tide water district of Virginia [a reply to James E. Heath's article on Virginia on p. 1-5]. v. 1, p. 155, 156. 1
- Reply to J [ames] E. H[eath]. Culture and products of lower Virginia. v. 1, p. 283-285. 2
- [Heath, James Ewell] General description of Virginia from the Encyclopedia americana. v. 1, p. 1-5. 3
- General description of Virginia, reply to the remarks of G. W. F., and the strictures of Mockjack. v. 1, p. 195-197. 4

## HISTORY

- [Beverly, Robert]. Extracts from Beverly's history of Virginia. Of the earths and soils. v. 7, p. 667-668. 5
- Of the [ancient] currency and valuation of coins in Virginia. From Beverly's "History of Virginia." v. 7, p. 703-704. 6
- Byrd, William.** The earliest passage through the Dismal Swamp. v. 4, p. 593-599. 7
- Proposal to drain the Dismal Swamp. v. 4, p. 521-524. 8
- Campbell, Charles.** Nathaniel Bacon. Reply to strictures. By Charles Campbell, of Petersburg. v. 7, p. 527-529. 9
- Scraps from old authors respecting Virginia. v. 3, p. 438, 439. 10
- Clayton, John.** Clayton's letters from Virginia in 1688. v. 4, p. 584-587, 641-644. 11
- Kercheval, Samuel.** Mode of living of the primitive settlers of the Valley of Virginia. [Reprinted] from Kercheval's History of the Valley of Virginia. v. 8, p. 656-658. 12
- Observations** in several voyages and travels in America. Some account of a voyage from New York to Senepuxon in Maryland. [Reprint- ed] from the London magazine for 1746. v. 5, p. 81-85, 146-150. 13
- Randolph, Richard.** Reminiscences of Jamestown. Bacon's rebellion. By Richard Randolph, of Williamsburg. v. 7, p. 407-408. 14
- [Ruffin, Edmund] Curious extracts from the ancient laws of Virginia. v. 6, p. 558-563; 711-717; v. 7, p. 181-183. 15
- Extracts from the old laws and records of Virginia. Sir William Berkeley's account of Virginia in 1671 [with criticism by Edmund Ruffin]. v. 7, p. 238-240. 16
- Sketches on the habits and manners of old times in Virginia. Fragment of a manuscript. v. 5, p. 577-580. 17
- [Ruffin, Edmund, Jr.] "The stone house" [of James City county]. v. 9, p. 710-711. 18
- "Shipping in good order and well conditioned." Relative to importation of wives for early settlers of Virginia. [Reprinted] from the Alexandria gazette. v. 8, p. 585. 19
- Smith, John.** The most ancient description of Virginia, extracted from the "The true travels, adventures and observations of Captaine John Smith. v. 4, p. 389-394. 20

## VIRGINIA—CONTINUED.

## AGRICULTURE

- B., A.** On the true principles of profitable husbandry [showing that capital should be bestowed in Virginia on the improvement of the soil, and not on the increase of labor]. v. 2, p. 265, 266. 21
- Barbour, James [of Barboursville]** On the improvement of agriculture, and the importance of legislative aid to that object. Description of the south west mountain lands. v. 2, p. 703-706. 22
- [**Barnard, J. H.**] Statements of practice in tillage and improvement, on Rappahannock river. v. 4, p. 61-63. 23
- [**Beekman, Dr. J. S.**] Farming in Virginia and New York. v. 1, p. 750. 24
- [**Booth, E. G., of Nottoway**] General topics connected with agriculture, agricultural societies, etc. v. 2, p. 564, 565. 25
- [**Coalter, Judge John**] Cheap farming. v. 1, p. 186. 26
- Dickinson, John [of Moor's Mount].** Desultory observations on the improvement of Virginia. Silk culture. Marling. Female labor. v. 3, p. 475-478. 27
- Observations on the agricultural improvement, and the public works of Virginia. v. 1, p. 265-267. 28
- Eastern Virginia.** By A reclaimed wanderer. v. 7, p. 210. 29
- Farming in the valley of Virginia.** Report of the trustees of the agricultural society of the valley, for 1825, William M. Barton, president. v. 2, p. 14-17. 30
- [**Foote, William.**] The mountain region of Virginia. v. 2, p. 390. 31
- [**Garnett, J. M.**] Comments on [articles in] Farmers' register, No. 10, and 11. v. 3, p. 111-120. 32
- On the causes of the long continued decline, and great depression of agriculture in Virginia. v. 4, p. 702-705, 725-730. 33
- On the usual course of procedure of agricultural societies. v. 2, p. 521-523. 34
- [A proposed] agricultural convention [in 1836]. v. 4, p. 434-436. 35
- Remarks on the papers contained in No. 9 of the Farmers' register. v. 2, p. 743-745.. 36
- To the planters and farmers of Virginia. v. 9, p. 248-250. 37
- Gooch, C. W., of Henrico Co.** Prize essay on agriculture in Virginia. v. 1, p. 121-127. 38
- Grazing farms in the valley of Virginia.** [Note.] v. 1, p. 631. 39
- [**Harrison, Randolph.**] On the importance of farmers giving personal attention and labor to their farms. v. 4, p. 1, 2, 183-185. 40
- [**Heath, James E.**] A description of the valley of the Kanawha, by a low-lander, in a letter to a friend. v. 1, p. 525-528. 41
- Medicus, pseud.** Reflections on the improvement of agriculture [in Virginia]. v. 1, p. 263-265. 42
- [**Morton, W. S.**] The connexion of agriculture with other sciences, and remarks on soils and manures [with particular reference to Virginia]. v. 2, p. 713-715. 43
- On improvement of lands in the central region of Virginia. v. 1, p. 585-589. 44
- Nicol, Andrew.** The peat soils of Scotland, compared with the juniper soil of the Dismal Swamp. v. 4, p. 528, 529. 45
- Some remarks on farming and grazing in lower Virginia. v. 1, p. 394, 395. 46

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- P**roceedings [and memorial] of the agricultural convention [in Richmond, Jan. 11, 1836]. v. 3, p. 619-626. 48
- R.** [of Goochland]. Emigration to the West. v. 4, p. 732, 733. 49
- [**R**andolph, T. J.] Observations on the red lands of the southwest mountains. v. 2, p. 315, 316. 50
- [**R**uffin, Edmund.] The advantages and defects of agricultural societies. v. 1, p. 200, 201. 51
- Agricultural societies. v. 9, p. 57. 52
- Causes of the depressed condition of lower Virginia. v. 2, p. 95, 96. 53
- Chickahominy swamp. v. 4, p. 426-428. 54
- Constitutions of agricultural societies. v. 3, p. 575. 55
- The different advantages of large and small farms considered; and the injuries caused to agriculture, and to a nation, by frequent and injudicious changes in the outlines and limits of farms. v. 4, p. 564-569. 56
- Extract from the records of the united agricultural societies of Virginia. Report on agricultural premiums. Approved Dec. 6, 1822. v. 1, p. 147-149. 57
- Failure of the agricultural convention, and of the petition for a board of agriculture. v. 5, p. 63. 58
- A London auctioneer's advertisement of lands in Virginia. v. 4, p. 381. 59
- New agricultural societies. v. 10, p. 237. 60
- Observations made during an excursion to the Dismal Swamp. v. 4, p. 513-521. 61
- The operation of the poor laws on agricultural interests. v. 1, p. 110-115. 62
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- Z.** The wild or candleberry myrtle, a remedy against the depredations occasioned by the weevil. v. 2, p. 156, 157. 1645

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- [Baldwin, C. C.]** On the preservation of wood-land. The cultivation of the locust tree, &c. By Ploughboy, of Rockbridge. v. 9, p. 95-97. 1646
- C., J. G. [of Charles County, Md.]** Correction of mistakes respecting the growth and situation of the mountain locust, or robinia pseudacacia. v. 3, p. 343, 344. 1647
- [Campbell, J. W.]** Notes of a rustic, no. 2 [on the locust, robinia pseudacacia]. v. 1, p. 343-345. 1648
- Couper, John [of St. Simon's, Georgia].** General observations on the olive, orange and date trees growing in Georgia. v. 3, p. 246, 247. 1649
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- Ruffin, Edmund.** Inquiry into the causes of the formation of prairies, and of the different constitution of soil which favors or prevents the destruction of the growth of forests. v. 3, p. 321-336. 1664
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- Kentucky farmer. v. 10, p. 159-169. 1804
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- A simple and cheap silk reel. v. 8, p. 188. 1858
- Houseman, Jacob.** Letter to Henry Perrine in reference to the growth of *morus multicaulis* on a soil almost purely calcareous. By Jacob Houseman, of Indian Key, Fla. v. 7, p. 764. 1859
- Howe, Charles.** Letter to Henry Perrine in reference to the growth of *morus multicaulis* on a soil almost purely calcareous. By Charles Howe, of Indian Key, Fla. v. 7, p. 764-765. 1860
- Inquiry as to the prospects of silk culture. By a farmer, of Charlotte, Va. v. 9, p. 216. 1861
- McRee, James F., of Wilmington, N. C.** Experiment of silk-worms reared in the open air. v. 8, p. 573-574. 1862
- Mason, J., Jr.** Preparations for silk-culture near Georgetown. By J. Mason, Jr., of Georgetown. v. 7, p. 80. 1863
- Seedling canton mulberry trees. v. 6, p. 424. 1864
- The *morus multicaulis* crop and prices. v. 7, p. 510. 1865
- The *morus multicaulis*. [Reprinted] from the Farmville journal. With remarks by the editor. v. 6, p. 503-505. 1866
- The new theory. Two letters from Joseph E. Muse, of Maryland, relative to the culture of the silk worm, with remarks by G. B. S., editor of the Journal of the American Silk Society. [Reprinted] from the Journal of the American Silk Society. v. 8, p. 674-679. 1867
- Newcomb, E. [of Poisleys Mills, Monongalia].** Prospects of silk culture in Western Virginia. v. 4, p. 535, 536. 1868
- [On silk culture in Ga.] v. 8, p. 187. 1869
- Perrine, Henry.** Counter estimates, and objections to the alleged profits of mulberry culture. New obstacles to the tropical plant, scheme and operations. [With criticism by Edmund Ruffin.] v. 7, p. 351-357. 1870
- Successive crops of cocoons in tropical Florida. By Henry Perrine, of Indian Key, Fla. v. 7, p. 566-567. 1871

## SILK—CONTINUED.

- Superior advantages of the old southern states for silk-culture. v. 7, p. 599-601. 1872
- Pleasants, T. S.** The actual state of silk culture in the North, and remarks on its extension in the South. v. 6, p. 449-453. 1873
- On the use of the osage orange, *maclura aurantiaca*, as food for silk worms. v. 4, p. 285, 286. 1874
- Plan of a cocoonery, and fixtures for the spinning of the silk-worms. v. 7, p. 246-249. 1875
- Princeana [relative to Multicaulis trees of southern growth]. No. 2. By Anti-Puff. v. 7, p. 55-57. 1876
- Progress of silk-culture, and new improvements in the middle states. v. 7, p. 442-443. 1877
- Prince, Wm., & Sons.** Answer to "Princeana." Remarks on mulberry and silk-culture. v. 6, p. 757-759. 1878
- More of the introduction of the *morus multicaulis*. v. 6, p. 753. 1879
- [**Randolph, Thomas M.**] Remarks on the culture of the *morus multicaulis*, and on silk-culture. v. 6, p. 742-743. 1880
- Ross, Frederick A.** Silk culture in East Tennessee. From the Tennessee agriculturist. v. 10, p. 119-120. 1881
- Ross, T., of East Tennessee.** [Letter relative to silk culture.] v. 8, p. 186-187. 1882
- [**Ruffin, Edmund.**] The A, B, C, of silk-culture. v. 8, p. 55-56. 1883
- Anticipated change in the agriculture of the United States. Silk and beet sugar. v. 4, p. 251, 252. 1884
- The case stated, as to the fitness of this country for silk culture.
- Fragment of a dialogue. v. 7, p. 688-689. 1885
- Chinese mulberry not produced from its seeds. v. 5, p. 48, 49. 1886
- Desultory remarks on the silk culture of the United States. v. 6, p. 389-393. 1887
- Diary of an experiment in rearing silk-worms. v. 7, p. 87-89. 1888
- The earliest notices of silk culture of this season. v. 8, p. 377-380. 1889
- Essay on the production of silk, and the peculiar advantages of Virginia for the culture. v. 7, p. 140-150. 1890
- Expense and net profits of M. Amans Carrier's white mulberry plantations. v. 7, p. 302-308. 1891
- A first experiment of rearing silk-worms under very disadvantageous circumstances. v. 7, p. 312-320. 1892
- Further remarks on the errors of the translators of Dandolo. v. 8, p. 188-191. 1893
- The general failure of the silk-worm rearings, this season [1840]. v. 8, p. 510-511. 1894
- Importance of proper selections of silk-worms' eggs. Difference between northern and southern eggs. v. 7, p. 445-446. 1895
- Introduction of the *morus multicaulis* long before its discovery by Perrottet. v. 7, p. 506-508. 1896
- Large leaves of the native mulberry (*morus rubra*). v. 6, p. 417-418. 1897
- The "Mammoth" silk-worm eggs; and the grounds of choice among different varieties. v. 7, p. 377-379. 1898
- Mrs. Anderson's present of silk cloth, and General Washington's letter of thanks. v. 8, p. 222. 1899

**SILK—CONTINUED.**

- The *morus multicaulis* market. v. 7, p. 636. 1900 equivocally recommended by the Farmers' register? v. 7, p. 123-127. 1915
- The mulberry crop, and prices, [with extract from a letter from Burlington, N. J.]. v. 7, p. 381-382. 1901
- The *multicaulis* market and prices. v. 7, p. 570-572. 1902
- The native mulberry for silk worms. v. 3, p. 433, 434. 1903
- Number of silk-worms' eggs to the ounce. v. 8, p. 95. 1904
- On raising two or more successive crops of cocoons in each year. v. 4, p. 381-383. 1905
- Progress of silk-culture in Virginia. v. 7, p. 380-381. 1906
- Progress of the *morus multicaulis* trade, and prospect of future prices. v. 7, p. 60-62. 1907
- Seedling trees from the seed of the *morus multicaulis*, or Chinese mulberry. v. 6, p. 316-317. 1908
- Scraps of information in regard to the culture of the Chinese mulberry. v. 6, p. 492-497. 1909
- The silk business beginning in Petersburg. v. 4, p. 126, 127. 1910
- Silk culture and mulberry speculation. v. 6, p. 425-426. 1911
- Some account of the introduction of the *morus multicaulis* into the United States, and the diffusion of the knowledge of its peculiar value, as food for silk-worms. v. 6, p. 497-500. 1912
- Spaces for silk-worms. Mistakes of Dandolo's meaning by his translators. v. 8, p. 102-106. 1913
- State of mulberry trade. v. 7, p. 190-191. 1914
- Stricture and defence. Has silk culture been strongly and un-
- Suggestions to persons about to commence silk-culture. Requisites for experiments. The necessity for eggs from healthy stock, and the means of obtaining them. v. 8, p. 117-119. 1916
- The unfitness of the Northern States for the *morus multicaulis*. v. 6, p. 521. 1917
- Ruffin Silk Society of Eastern Virginia.** Proceedings of the silk society in Norfolk. George Jones, president, Thomas G. Clinton, recording sec'y, E. C. Robinson, cor. sec'y. [With editorial note.] v. 8, p. 36-40. 1918
- Silk culture proposed in Loudoun.** v. 4, p. 335. 1919
- Sinclair, Robert [of Baltimore].** Successful culture of silk in 1841. v. 10, p. 139-140. 1920
- Smith, Gideon B.** Answer to strictures on the propagation of silk-worms. v. 7, p. 111. 1921
- Maclura** [Osage orange], for silk worms. v. 4, p. 188, 189. 1922
- Silk culture. Important discovery. The muscardine in America. v. 9, p. 227. 1923
- Treatise on the culture of silk. v. 6, p. 429-433; 481-486; 513-516. 1924
- Smith, N. D., of Washington, Ark.** Silk-worm rearing in Arkansas. Importance of calcareous soil to grape vines. v. 9, p. 307. 1925
- T., E. A.** A successful experiment in rearing silk-worms. By E. A. T. of Matthews. v. 9, p. 8-9. 1926
- Tuckahoe,** On seedlings of Chinese and other mulberries. v. 6, p. 445-446. 1927

## SILK—CONTINUED.

**Virginia silk [note].** v. 3, p. 163.  
1928

**W., J.** On the several claims to the merit of having first introduced the *morus multicaulis*. By J. W. [Reprinted] from the Richmond enquirer. v. 7, p. 57-58. 1929

**Waples, William D., of Dagsboro, Del.** Practical results, and opinions thence derived, on silk culture in Delaware. v. 8, p. 142. 1930

**Weller, Sidney.** On the *morus multicaulis* and its adaptation to southern climes. v. 5, p. 637-638. 1931

## Plant Pests and Diseases

**Anderson, William N.** A new and successful mode of guarding peach trees from the worm. By William N. Anderson, of Fincastle. v. 9, p. 154. 1932

**Arator.** The wire worm. v. 6, p. 15. 1933

[**Atkinson, Rev. W. M.**] The Hessian fly supposed to have existed in France. v. 4, p. 169-171. 1934

**Belden, Hezekiah, of Lewisburg.** Blight in pear trees. v. 5, p. 461. 1935

**The black weevil.** [By a farmer of] The Eastern Shore of Maryland. v. 5, p. 87. 1936

**The black weevil.** And anonymous contributors. By Granville. v. 5, p. 551. 1937

**Blister flies.** From the Kentucky farmer. v. 9, p. 502. 1938

**Carter, Hill.** The increase of insects caused by the non-grazing system. By Hill Carter, of Shirley. v. 7, p. 710-711. 1939

**The chinch bug in Surry.** By An old subscriber, of Surry county. v. 7, p. 415-416. 1940

**Cocke, John H.** On Hessian fly, [read before the agricultural society of Albemarle] Nov. 1, 1817. v. 4, p. 475, 476. 1941

**Cocke, W. T. [of Maycox].** Moth weevil in corn and wheat. v. 1, p. 450. 1942

**Curtis, M. A. [of Hillsborough, N. C.].** The fruit curculio. French receipts

to guard against the black weevil. v. 10, p. 207-208. 1943

**de Graffenreid, T.** On cotton lice, and the means of restraining their ravages. By T. de Graffenreid, of Greene county, Ala. [With criticism by Edmund Ruffin.] v. 7, p. 508. 1944

**E.** The garden snail. From the Southern agriculturist. v. 10, p. 522. 1945

**Edmonds, Ralph.** The tomato plant a protection from chinch-bug—and buckwheat from the turnip fly. By Ralph Edmonds, of Italian Creek, Lancaster. v. 7, p. 495. 1946

**H., F.** Remarkable habits of the American locusts [a statement of facts observed in Louisa in 1792, 1809, 1826]. v. 2, p. 126. 1947

**Hessian fly; weevil; cheat;** by a farmer of Bucks County, Pa. [with remarks by Dr. John Taylor]. v. 1, p. 724. 1948

**Horton, W. L. [of Wood Lawn].** The cut worm [reprinted] from the American farmer. v. 10, p. 99-100. 1949

**Inquiry [from Amherst].** What has become of the weevil. v. 1, p. 381. 1950

**Letter from Surry in reference to the chinch-bug.** v. 7, p. 447. 1951

**Letter to the editor in reference to chinch-bugs by Denmark, of Dinwiddie.** v. 7, p. 444. 1952

## PLANT PESTS AND DISEASES—CONTINUED.

- Mitchell, Thomas D., of Lexington, Ky.** The blister fly. v. 9, p. 527-528. 1953 —Fecundity of insects. v. 1, p. 464. 1963
- Moth weevil.** v. 1, p. 218. 1954 —On the propagation and habits of the moth-weevil, and means suggested to prevent its ravages. v. 1, p. 325-331. 1964
- Muse, Joseph E.** Entomology. To the president of the Agricultural society at Annapolis. By Jos. E. Muse, of Cambridge, Md. v. 5, p. 74-76. 1955 S., T. On the weevil in wheat. [From the American farmer.] v. 1, p. 331-333. 1965
- On the habits of the Hessian fly. v. 4, p. 340-342. 1956 T., J., of N. C. The chinch bug. [Reprinted] from the Carolina planter. v. 8, p. 405-406. 1966
- On the origin and habits of the cutworm. v. 4, p. 563, 564. 1957 **Tate, William M. [of Augusta].** Effect of quicklime on the maggots of Hessian fly. Crops of wheat in the valley. v. 3, p. 257. 1967
- On the destruction of snails in flower gardens.** From the Southern agriculturist. v. 9, p. 227-228. 1958 **Watkins, F. B. [of Ben Lomond].** A method for the destruction of the cutworm. v. 3, p. 296. 1968
- Pindell, R., of Lexington, Ky.** American blister fly and peach tree grub driven off by lime. Fish oil for peach and plum trees: v. 9, p. 528. 1959 **Watkins, Henry N.** A preventive of the blight in pear trees. By Henry N. Watkins, of Prince Edward. v. 5, p. 188. 1969
- Queries on chinch-bug and oat-lay. By H., of Nansemond county. v. 7, p. 456. 1960 **Webb, John P. [of Person Co., N. C.].** Means of guarding against the ravages of black weevil. v. 4, p. 655, 656. 1970
- R., H. H.** Supposed mistake as to Hessian fly [in Essex]. v. 3, p. 261. 1961 **Woodson, Charles.** Insects and their destroyers. v. 2, p. 351, 352. 1971
- [**Ruffin, Edmund.**] Experiment on moth weevil. v. 1, p. 463. 1962

## Economics, Wages, Labor, Banks, Prices

[**Appleton, Nathan,** of Boston. The remedy of each individual against non-paying banks. v. 9, p. 664-665. 1972

causes and effects of the fluctuations considered, and the principles maintained applied to the present rage for speculation. v. 3, p. 65-72. 1975

**Association for promoting currency and banking reform.** By order of the Executive committee for Petersburg. v. 9, p. 505-506. 1973

—[The substance of two lectures on the usury system.] v. 2, p. 97-119. 1976

[**Champion, G. L., of South Carolina.**] The march of intellect and progress of the knowledge of political economy in North Carolina. v. 1, p. 204-207. 1974

—Surplus revenue [of the U. S.]. v. 4, p. 121-123. 1977

**Dew, Thomas R.** On price; the

Disorders of the currency, and the remedy. [Reprinted] from the Journal of Commerce. v. 8, p. 297-299. 1978

## ECONOMICS, WAGES, LABOR, BANKS, PRICES—CONTINUED.

- Hagan, James, of Mississippi.** The system of plunder produced by the system of irresponsible banking. [Letter by] James Hagan, [reprinted] from the Mississippi intelligenzer, [with editorial note by Edmund Ruffin]. v. 6, p. 729-730. 1979
- Labor.** The great want of the tide water country. [Reprinted] from the American farmer. v. 7, p. 393-394. 1980
- [**Lewis, Dixon H.]** Effect of fraudulent banking paper money on agricultural interests. By [Dixon H. Lewis], of Alabama. v. 7, p. 276. 1981
- Movement** of the people for promoting banking reform and the resumption and maintenance of specie payments. v. 9, p. 505-506. 1982
- [**Plumer, W. S.]** Wages of female labor. v. 3, p. 575. 1983
- [**Read, Isaac.]** The respectability of labor; who most ashamed of it. v. 4, p. 358, 359. 1984
- [**Ruffin, Edmund.]** The cost of transferring the money of the government. The cost of exchange, and the agency of a national bank for lessening both. By Taylor, of Caroline. v. 9, p. 439-442. 1985
- Desultory observations on the banking system of this country, and the effects of its different modes of operation. v. 9, p. 244-248; 277-286; 324-336. 1986
- [Enormous and fraudulent issues of paper money during war of 1812]. v. 1, p. 221. 1987
- Extracts from reports of the executive committee of the "Association for promoting currency and banking reform." v. 9, p. 530-534. 1988
- False pretence of the banks of having resumed payment. v. 10, p. 442-444. 1989
- The false pretences of the banks of preparing to pay specie, again exposed. v. 10, p. 63-64. 1990
- The flour rioters of New York. v. 5, p. 49. 1991
- The necessary consequences of admitting the plea for the continued suspension of specie payments. v. 9, p. 547-551. 1992
- Observations on the low wages of female laborers. v. 3, p. 257, 258, 379-381, 435-437. 1993
- The question of bank resumption, or continued suspension. v. 9, p. 684-686. 1994
- [Remarks on the mob and riot in the city of New York in February, 1837.] v. 4, p. 740-742. 1995
- Remarks on the present condition and operation of the banks of Virginia, and their prospects. v. 10, p. 179-184. 1996
- The true and the false doctrines respecting high prices of provisions. v. 4, p. 754, 755. 1997
- What constitutes a specie-paying bank? And wherein does it differ from a non-specie paying bank. By (Edmund Ruffin]. v. 9, p. 163-167. 1998
- [**Skinner, J. S.]** The currency—as connected with the interests of agriculture. [Reprinted] from the American farmer. v. 9, p. 156-158. 1999
- [**Smith, Aug.]** The true and the false reasons for bank suspension. To the editor of the Bank reformer. v. 9, p. 686-687. 2000
- Stanton, B. F.** Advantages of manual labor schools. Extract from an address before the Literary Institute of Hampden-Sidney College. v. 4, p. 271-276. 2001
- White slavery in Great Britain.** Employment of females in the English mines. From the Plough Boy. v. 10, p. 375-376. 2002

## Verse

[Carter, St. Leger L.] Debate on the crow bill, in the senate of Virginia, Feb. 9, 1826 [verse]. v. 4, p. 356, 357. 2003

Extract from a poem entitled Old Virginia Georgics [read at a meeting

of the Fredericksburg agricultural society]. v. 1, p. 551, 552. 2004

Song of the bees [poem] [transmitted by J. W. Campbell]. v. 1, p. 203. 2005

## Weights and Measures

**Bushel** and half bushel [reprinted from the Columbia, S. C., times and gazette]. v. 4, p. 534. 2006

**Cooper, Thomas.** On the want of uniformity in the stated values of

French and other weights and measures. v. 4, p. 533. 2007

**Garnett, James M[ercer].** Dry measures of capacity. v. 8, p. 558. 2008

## Water.

[Cocke, Richard.] The bored wells of Alabama. v. 2, p. 630, 631. 2009

**Rogers, William B.** Observations and queries respecting artesian wells. v. 2, p. 451-455. 2010

## Wells

**Withers, Robert W., of Greensboro, Ala.** Artesian wells in Alabama. v. 10, p. 495-496. 2011

## Minor. Receipts, Practical Notes

[Campbell, Charles.] Mode of exactly representing leaves. v. 4, p. 531, 532. 2012

**Coulter, S. G. T. [of New Kent].** Substitute for hop yeast. v. 4, p. 656. 2013

**Dupuy, W. J.** Cure of mange in dogs. v. 10, p. 12. 2014

**Economy in fuel, &c.** By A farmer, of Montgomery Co., Md. v. 5, p. 749-750. 2015

**Fishing with buck-eye.** [From the] Ashborough (N. C.) citizen. v. 5, p. 398. 2016

**Garnett, James Mercer.** Currant and blackberry wines. v. 8, p. 692. 2017

—Molasses and sugar from persimmons. v. 5, p. 597. 2018

**Gordon, F. H.** To preserve cucumbers from insects. [Reprinted] from the Agriculturist. v. 8, p. 499. 2019

**Granville.** Uses of soap-suds. v. 6, p. 127. 2020

**Harden, Robert R.** On the operation of magnetism, and of time, in improving the temper of steel and the sharpness of fine edged instruments. A certain cure for the piles. By Robert R. Harden, of Watkinsville, Clarke county. v. 7, p. 102-105. 2021

**Jones, Calvin, of Raleigh, N. C.** Receipt for making cider, and preserving it sound for years. [Reprinted] from the Raleigh Star of 1819. v. 8, p. 622-623. 2022

**Large amount of soap produced from myrtle wax.** By Economy, of St. Paul's parish. [Reprinted] from the Southern agriculturist. v. 7, p. 111-112. 2023

[“Life everlasting,” a substitute for hops, in Prince Edward, note.] v. 1, p. 631. 2024

## MINOR. RECEIPTS, PRACTICAL NOTES.—CONTINUED.

- Mathew [of Norfolk Co.]**. Error in painting houses. v. 2, p. 166, 167. 2025 small quantities for family use. v. 2, p. 314. 2030
- Mr. Jeremiah Brown's** method of making salt petre; published in Virginia by order of the trustees for the improvement of arts and manufactures, and also in England by order of the society for the encouragement of arts, manufactures, and commerce [from the London magazine, 1763]. v. 1, p. 601, 602. 2026 [Read, Isaac.] Some observations on housekeeping. The dust remedy [the use of sawdust on all walks about the house]. v. 4, p. 166, 167. 2031
- S., J. [of New Kent]**. The quantity of wood required to burn lime. v. 2, p. 769. 2032
- To make starch. v. 4, p. 183. 2033
- To save seeds. [Reprinted] from the Southern agriculturist. v. 8, p. 296. 2034
- Webb, William, of Wilmington**. On making sugar from Indian corn stalks. v. 9, p. 558-559. 2035
- White, Josiah**. Pumpkin seed oil. [Letter] to the president of the Hampshire, Franklin and Hampden agricultural society. [Reprinted] from the American farmer. v. 6, p. 405-406. 2036
- Okra soup**. [Reprinted] from the Southern agriculturist. v. 8, p. 550-551. 2028
- [**Poole, Mrs. S. A.**] Corn-shuck mattresses. v. 1, p. 616. 2029
- Process of manufacturing indigo in**

## Farmers' Register. Diffusion of Agricultural Information

- A., F. G. [of Halifax county, N. C.]** Suggestions for the diffusion of agricultural knowledge [by means of agricultural tours]. v. 1, p. 648, 649. 2037 editor on the value of the Register.] v. 3, p. 508. 2041
- Anderson, Thomas B.** Cheap elementary agricultural publications recommended. Agricultural books for schools. With editorial remarks on same. v. 6, p. 262-264. 2038 [Fleet, C. B.] Coal tar. Influence of the Farmers' register. v. 2, p. 238. 2043
- [**Beeckman, Dr. J. S.**] Remarks on the first number of the Farmers' register. v. 1, p. 183, 184. 2039 [Foote, William, of Fairfax.] [Letter to the editor.] v. 1, p. 185. 2044
- Bolling, P. A.** New plan proposed for dunning delinquent subscribers. [With] remarks by the editor, Edmund Ruffin. Maryland twin-corn. v. 6, p. 342-343. 2040 List of subscribers to the Farmers' register. v. 1, p. 769-776. 2045
- M., H. B.** The deficiency of proper aid to the Farmers' register. Profits of farming in Virginia. Emigration. v. 4, p. 746, 747. 2046
- [**Bruce, James C.**] Letter to the [Muse, Joseph E.] On the use of real signatures to agricultural communications. v. 5, p. 248-250. 2047

**FARMERS' REGISTER. DIFFUSION OF AGRICULTURAL INFORMATION.—CONTINUED.**

- [Noel, Edmund F.] [Letter to the editor.] v. 1, p. 216. 2048
- [Paulding, J. K.] [Letter to the editor.] v. 1, p. 568, 619. 2049
- Read, Nicholas E. [of Twittie's Creek, Charlotte.]** Remarks on agricultural societies, and the Farmers' register as an auxiliary. v. 2, p. 531-535. 2050
- [Ruffin, Edmund.] An apology for book farmers. v. 2, p. 17-19. 2051
- A common objection to agricultural periodicals, and especially considered in regard to the Farmers' register. v. 9, p. 38-40. 2052
- Editorial notices to subscribers. v. 10, p. 504. 2053
- Fragments of conversation. v. 1, p. 115, 116. 2054
- How to construct an editorial communication. v. 2, p. 581. 2055
- Low priced agricultural publications. Extension of the plan of the Farmers' register. v. 3, p. 226, 227. 2056
- On the use of provincial, or improper terms, in agricultural publications v. 1, p. 701, 702. 2057
- Petition to the Congress of the United States, to equalize the rate of postage on newspapers and other periodical publications. v. 8, p. 699-700. 2058
- Remarks on the injustice and ill-policy of the higher rates of postage charged on periodical magazines in general, and on the Farmers' register, in particular. v. 5, p. 572-575. 2059
- The scarcity and high prices of foreign agricultural books in the United States, and proposal of a remedy. v. 1, p. 761-763. 2060
- [Ruffin, Thomas.] [Letter to editor.] v. 2, p. 60. 2061
- [Shultice, William, of Mathews.] On the propriety of correspondents signing their proper names. v. 2, p. 577. 2062
- [Smith, Arthur.] [Letter relative to the Farmers' register.] [By Arthur Smith.] v. 5, p. 189-190. 2063
- Valuable influence of agricultural journals. Agriculture of Campbell county [by a Young farmer]. v. 5, p. 34, 35. 2064

# A Bibliography of Edmund Ruffin

## PAPERS ABOUT EDMUND RUFFIN.

The article in De Bow's review, and the papers by W. P. Cutter, H. G. Ellis, and Dr. L. G. Tyler are the longest and best articles about Ruffin. Biographical notices appeared in the newspapers and agricultural journals at the time of his death, but no attempt has been made to list these.

**Cutter, W. P.** A pioneer in agricultural science. 2064a

In U. S. Dept. of Agriculture. Year book, 1895. p. 493-502.

**Edmund Ruffin, of Virginia**, agriculturist, embracing a view of agricultural progress in Virginia for the last thirty years, with a portrait.

2065

De Bow's review, v. 11, Oct., 1851, p. 431-436. Reprinted in American farmer, v. 7, March, 1852, p. 293-297.

**Ellis, Henry G.** Edmund Ruffin: his life and times. 2066

In John P. Branch historical papers of Randolph-Macon college. v. 3, no. 2, June, 1910. p. 99-123.

This is an excellent contribution with helpful notes.

**The first gun at Sumter** [reprinted from the Richmond times]. 2067

In Southern historical society papers. v. 24, p. 111-115.

**Lee, Stephen Dill.** Who fired the first shot at Sumter. 2068

In Southern historical society papers. v. 11, p. 501, 502.

**Newton, Willoughby.** Review of An essay on calcareous manures by Edmund Ruffin, fifth edition, amended and enlarged. J. W. Randolph, Richmond, 1853. 2069

In Virginia state agricultural society. Journal of transactions. v. 1, 1853, p. 72-85.

**Ruffin, Julian M.** Who fired the first gun at Sumter. 2070

In Southern historical society papers. v. 11, p. 502-504.

**Skinner, J. S.** Ruffin on calcareous manures [a review]. 2071

In American farmer. v. 14, 1832, p. 113.

**Tyler, Lyon G.** Edmund Ruffin, an address delivered at the Virginia polytechnic institute, Blacksburg, Va., April 25, 1913 [1913]. 2072

15 p. 8vo.

## BOOKS, PAPERS AND ADDRESSES BY EDMUND RUFFIN.

This list is far from exhaustive. It contains the titles of the principal books and pamphlets by Ruffin, but lacks the titles of a good many papers and addresses, published in the newspapers, and in agricultural periodicals to which I have not had access. The titles of the many papers written by Ruffin and printed in the Farmers' register, and which appear in the preceding analysis, are not repeated here.

An address on the opposite results of exhausting and fertilizing systems of agriculture, read before the South Carolina institute, at its fourth annual fair, November 18, 1852. By Edmund Ruffin . . . . Charleston, Press of Walker and James, 1853. 2073

52 p. 22 $\frac{1}{2}$ cm.

This address was reprinted in the Southern planter, v. 20, 1860, p. 401-408, 481-486; in De Bow's review, v.

14, 1853, p. 34-46; and in U. S. Patent office report on agriculture, 1852, p. 373-389.

An address to the public, [objecting to a tariff] from the delegation of the United agricultural societies of Virginia. 2074

This was transmitted by Ruffin, as secretary, and it may have been written by him.

In American farmer. v. 2, 1820, p. 57-59.

## A BIBLIOGRAPHY OF EDMUND RUFFIN—CONTINUED.

- Address to the Virginia state agricultural society on the effects of domestic slavery on the manners, habits and welfare of the agricultural population of the Southern states, and the slavery of class to class in the Northern states, by Edmund Ruffin, president of the society. Read at the first annual meeting, in the hall of the house of delegates, Dec. 16, 1852. **2075**  
 In Southern planter. v. 13, 1853, p. 8-16 of supplement of Jan. no. 1853?
- Issued also in the supplement to Va. state agricultural society. Transactions. v. 1, p. 8-19.
- The advantages of ploughing land in wide beds, compared to the ordinary narrow beds. **2076**  
 In American farmer. v. 7, July, 1851, p. 20-22; Aug. 1851, p. 49-51.
- African colonization unveiled. By Edmund Ruffin, of Virginia. Washington, Printed by L. Towers [1859 or 1860]. **2077**  
 32 p. 24 $\frac{1}{4}$ cm.  
 In double columns.
- African colonization unveiled [containing portions of the manuscript omitted in the papers published in De Bow's review in 1858-59]. **2078**  
 De Bow's review. v. 29, 1860, p. 638-649.
- Agricultural features of Virginia and North Carolina. **2079**  
 In De Bow's review. v. 22, 1857, p. 462-479; v. 23, 1857, p. 1-20.
- Agricultural, geological, and descriptive sketches of lower North Carolina, and the similar adjacent lands. By Edmund Ruffin . . . Raleigh, Printed at the Institution for the deaf and dumb, and the blind, 1861. **2080**  
 xi. [13]-296 p. 23cm.
- Anticipations of the future, to serve as lessons for the present time. In the form of extracts of letters from an English resident in the United States, to the London times, from 1864 to 1870. With an appendix on the Causes and consequences of the Independence of the South. "If this be treason, make the most of it."
- Patrick Henry, 1765, Richmond, Va., J. W. Randolph, 1860. **2081**  
 ix, 416 p. 19cm.
- Appendix to Mr. Edmund Ruffin's essay on the theory and laws of rotation of crops, etc., in continuation thereof. **2082**  
 In Southern planter. v. 14, 1854, p. 55, 56.
- [Appendix to Prof. Gilham's report on the occurrence of the phosphates in some of the tertiary deposits of Virginia.] **2083**  
 In Southern planter. v. 18, 1858, p. 714, 715.
- Application and action of putrescent manures. **2084**  
 In American farmer. v. 5, Sept., 1849, p. 70-75.
- The bank reformer [September, October, November, December, 1841, January, February, 1842, nos. 1-6] Petersburg Va. Edmund Ruffin, editor and publisher. [With a supplement dated May 2, 1842, and paged continuously with the Feb. number]. **2085**  
 104 p. 8vo.
- Calcareous manures. Effects of calcareous manures and directions for this most profitable application. From an Essay on Calcareous Manures by E. Ruffin. **2086**  
 In American farmer. v. 14, 1832, p. 114-116.
- Causes and consequences of the independence of the South. **2087**  
 In Richmond enquirer, Dec., 1856. Printed as an appendix to Ruffin's Anticipations of the future.
- Caution required in selecting seeds of the Chinese sugar millet. **2088**  
 In Southern planter. v. 17, 1857, p. 745.
- Cheat and spelt. **2089**  
 In American farmer. v. 14, 1832, p. 124.
- Communications on drainage and other connected agricultural subjects, from the Transactions of the Virginia state agricultural society, for 1857. [Richmond? 1857]. **2090**  
 31 p. incl. plan, diagrs. 2 maps. 23 $\frac{1}{2}$  cm. Caption title.

## A BIBLIOGRAPHY OF EDMUND RUFFIN—CONTINUED.

**Communication to the Virginia state agricultural society. Some of the results of the improvements of land by calcareous manures on public interests in Virginia, in the increase of production, population, general wealth, and revenue to the treasury.** 2091

In Virginia state agricultural society. Journal of transactions. v. 1, 1853, p. 10-22.

**Communication to the Virginia state agricultural society. Received by the executive committee, and ordered to be published, July 16, 1852. New views of the theory and laws of rotation of crops, and their practical application.** 2092

In Virginia state agricultural society. Journal of transactions. v. 1, 1853, p. 23-39.

**Consequences of abolition agitation.** 2093

In De Bow's review. v. 22, 1857, p. 583-593; v. 23, 1857, p. 266-272; 385-390; 546-552.

This was also printed separately.

**Curing clover hay.** 2094

In Southern planter. v. 15, 1855, p. 178-181.

**Darnel and cheat.** 2095

In American farmer. v. 14, 1832, p. 274.

**Description and account of the different kinds of marl, and of the gypseous earth, of the tide-water region of Virginia. Report to the state board of agriculture. By Edmund Ruffin, member and corresponding secretary.** 2096

In Report of board of agriculture of Virginia. Journal of house, 1842-43, Doc. 12, p. 75-103.

**Description of a nut found in eocene marl.** 2097

In American journal of science, v. 9, series 2, 1850, p. 127.

**Desultory observations on the application and action of putrescent manures [originally published in the Richmond enquirer] May 24, 1845.** 2098

In Southern planter. v. 6, 1846, p. 135-142.

**Drainage and other connected agricultural subjects.** Richmond, 1857. 2099

8vo.

This is the title of a pamphlet in the Library of Congress. I have not seen a copy.

**The drilling of part of every pea crop both a benefit and a necessity.** 2100  
In Southern planter. v. 18, 1858, p. 17-19.

**The effects of high prices of slaves; considered in reference to the interests of agriculture, of individuals, and of the commonwealth of Virginia.** 2101  
In De Bow's review. v. 26, 1859, p. 647-657.

**Equality of races. Haytien and British experiments. The dogma of the natural mental equality of the black and white races considered.** 2102  
In De Bow's review. v. 25, 1858, p. 27-38.

**An essay on calcareous manures.** By Edmund Ruffin. Petersburg, Va. Published by J. W. Campbell, 1832. 2103

1 p. l., [v.]-xii, 13-241 p. 12mo.  
This is the first ed. of this essay.

**An essay on calcareous manures.** By Edmund Ruffin. Second edition. Shellbanks, Va. Published at the office of the Farmers' register, 1835. 2103a

viii. 116 p.  
Issued as supplement to Farmers' register. v. 2. The British farmers' magazine for July, 1835, reprinted chapters 1, 3, 4 and 5 of this edition.

**An essay on calcareous marls.** Third edition. By Edmund Ruffin. Petersburg, Printed for the author, 1842. 2104

vii, [13]-316 p. 26cm.  
(Farmers' register. vol. x, no. 12 and supplement.)

**An essay on calcareous manures.** By Edmund Ruffin, agricultural surveyor of the State of South Carolina. Fourth edition. Philadelphia: Printed and published by Laurens Waller, 1844. 2104a  
1 p. l, [13]-316 p. 24cm.

**An essay on calcareous manures;** by Edmund Ruffin . . . 5th ed., amended and enlarged. Richmond, Va., J. W. Randolph, 1852. 2105  
xv, 17-493 p. 20½cm.

## A BIBLIOGRAPHY OF EDMUND RUFFIN—CONTINUED.

**Essays and notes on agriculture:** by Edmund Ruffin, a practical farmer of Virginia from 1812; founder and sole editor of the Farmers' Register; member and secretary of the former State board of agriculture; formerly agricultural surveyor of the state of South Carolina; and the first-chosen president of the Virginia state agricultural society. Richmond, Va., J. W. Randolph, 1855. **2106**

20cm. viii, 407 p.

Contents: Essay on draining. On the advantages of ploughing flat lands in wide beds. On clover culture, and the use and value of the products. On the management of wheat harvest. On harvesting corn-fodder. On the propagation and habits of the moth (or flying) weevil; and means suggested to prevent its ravages. Inquiry into the causes of the existence of prairies, deserts, savannas, and peat-bogs; and of the peculiar constitutions of soils which either favor or prevent the growth of forests. Causes of depressed condition of lower Virginia (1834). An apology for "Book-farmers." Fallow—its various and contradictory significations. Usefulness of snakes. On embanked tide-marshes, and millponds, as causes of disease. On the sources of malaria, or of autumnal diseases in Virginia. On the value, uses, and culture of the Southern pea—and especially as a fallow and manuring crop. (Prize essay, Nov., 1854.)

**Essay on the use of lime as a manure,** by M. Puvis. Translated from the French, by E. Ruffin . . . With an introduction, explanatory of the principles of agricultural chemistry, by James Renwick. New York, Scatcherd & Adams, printers, 1836. **2107**

Cover title, 25 p. 26½cm.

**Essays on various subjects of practical farming.** On draining. **2108**  
In American farmer. v. 6, 1850, p. 5-8, 33-38, 90-95, 128-131, 177-182.

**The excavation of marl pits, and carrying out and applying of marl.** **2109**  
In American farmer. v. 7, Nov., 1851, p. 208-211; Jan. 1852, p. 239-242.

**Extracts from the diary of Edmund Ruffin.** **2110**

In William and Mary college quarterly. v. 14, p. 193-211; v. 20,

p. 69-101; v. 21, p. 224-232; v. 22, p. 258-262; v. 23, p. 31-45, 154-171, 240-258.

The manuscript of the diary is now in the Library of Congress.

**Facts and testimony of greatly increased production from the use of miocene marl on lands naturally poor.** **2111**

In Virginia state agricultural society. Journal of transactions. v. 1, 1853, p. 182-187.

This was also printed in the Southern planter. v. 14, 1854, p. 100-104.

**Farming profits in eastern Virginia.** The value of marl. **2112**

In American farmer. v. 5, July, 1849, p. 2-11.

Also printed in the Southern planter. v. 9, 1849, p. 226-237.

**General plan and arrangement, and some of the particular subjects, suggested for a report of an agricultural survey of a county, or any other agricultural district or section of Virginia.** **2113**

In Southern planter. v. 14, 1854, p. 108-110.

**Gypseous earth.** **2114**

In American farmer. v. 10, 1828, p. 3.

**Indian corn and nutmeg seed.** **2115**

In American farmer. v. 4, 1822, p. 47.

**A lecture on the promotion of agricultural improvement.** Read before the Maryland agricultural society for the eastern shore, and the Farmers' inspecting association of Talbot co., at their joint annual meeting and cattle show and fair, Nov. 15, 1850. **2116**

In American farmer. v. 6, Jan. 1851, p. 221-231.

[Letter, as agricultural commissioner] to the agricultural public. **2117**

In Southern planter. v. 14, 1854, p. 118.

**Liberia and the colonization society.** **2118**

De Bow's review. v. 26, 1859, p. 415-429; v. 27, 1859, p. 55-73; 336-344; 392-402; 583-594.

See the title African Colonization unveiled, published in 8vo., 32 p.

## A BIBLIOGRAPHY OF EDMUND RUFFIN—CONTINUED.

- Management of wheat harvest. 2119  
In U. S. Patent office. Report.  
Agriculture. 1850, p. 102-113. 1851.  
Printed also in American farmer.  
v. 6, June, 1851, p. 453-460.
- Marl, its application and effects on  
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In American farmer. v. 6, 1824,  
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- Memorial of the United agricultural  
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Ruffin was secretary, and was the  
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- Millet; the various kinds, with re-  
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- Minority report made to the Virginia  
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Governor's message and annual re-  
ports, 1853-54. Doc. 36.  
Printed also in the Southern  
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- Minutes of agricultural facts and ob-  
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- A new plan for plowing flat land in  
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In Southern planter. v. 18, 1858,  
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- Notes on the cane-brake lands, or the  
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In Southern planter. v. 20, 1860,  
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This was published also in a cor-  
rected pamphlet edition, a copy of  
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- Notes on the pine trees of Lower Vir-  
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In Southern planter. v. 19, 1859,  
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- Observations on the abuses of the  
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This is the title of a pamphlet in
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- On clover culture. 2129  
In Southern planter. v. 11, 1851,  
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- On clover culture, and the use and  
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- On harvesting corn fodder. Different  
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- On the composition of soils, and  
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tural society of Prince George,  
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Dec. 6, 1821. Read and ordered to  
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- On lime as a manure. A letter, Oct.  
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In American farmer. v. 8, 1826,  
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- On the economy of farm-made putre-  
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In Southern planter. v. 18, 1858,  
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- Petition [to the general assembly of  
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- Petition of the committee of the state  
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- Petition to the general assembly of  
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In Southern planter. v. 11, 1851,  
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## A BIBLIOGRAPHY OF EDMUND RUFFIN—CONTINUED.

- The political economy of slavery; or, The institution considered in regard to its influence on public wealth and the general welfare. By Edmund Ruffin, of Virginia. [Washington.] Printed by Lemuel Towers. [1860]. 2138  
 31 p. 24½ cm.  
 In double columns.
- Premium essay on agricultural education. Submitted to the executive committee of the southern central agricultural association. By Edmund Ruffin, of Virginia. Second edition. Richmond, Va., J. W. Randolph, 1853. 2139  
 24 p. 21½ cm.
- The probable improvement of poor land, and either mainly or entirely from its own resources. Communicated to the Virginia state agricultural society, on July 16, 1852, and ordered by the executive committee for publication. 2140  
 In Virginia state agricultural society. Journal of transactions. v. 1, 1853, p. 40-49.
- Remarks on the disputed question, whether the growth of sorrel is prevented by the soil being made calcareous, and on the facts adduced as opposing evidence. 2142  
 In Southern planter. v. 15, 1855, p. 70-73; also in American farmer, v. 10, April, 1855, p. 309-312.
- Report of the agricultural commissioner. To the executive committee of the Virginia State agricultural society. Oct. 28, 1854. [With references to some published and unpublished mss. by himself and by others]. 2143  
 In Southern planter. v. 15, 1855, p. 5-7.
- Report of the commencement and progress of the agricultural survey of South Carolina, for 1843. By Edmund Ruffin, agricultural surveyor of the state. Columbia, A. H. Pember, state printer, 1843. 2144  
 120, [56] p.
- Report to the state board of agriculture, on the most important recent improvements of agriculture in lower Virginia, and the most important defects yet remaining. 2145  
 In Report of the board of agriculture of Virginia. Journal of house, 1842-43. Doc. 12. p. 55-65.
- Report to the state board of agriculture, on the Brandon farms. 2146  
 In Report of the board of agriculture of Virginia. Journal of house, 1842-43. Doc. 12. p. 65-75.
- Report to the state board of agriculture of Virginia, in reply to their enquiry as to the obstacles to improvement [of agriculture], including the operation of the laws, or governmental regulations. 2147  
 In Report of board of agriculture of Virginia. Journal of house, 1842-43. Doc. 12. p. 104-116.
- Slavery and free labor described and compared. 2148  
 28 p. 8vo.  
 This was also printed in the Southern planter, v. 19, Dec. 1859, p. 723-741 and in v. 20, Jan. 1860, p. 1-10.
- Southern magazine and monthly review. 1841. 2148a  
 This was a literary magazine, edited by Edmund Ruffin, two numbers of which were published. I have not seen copies.
- Supplemental report of the agricultural survey [of South Carolina] for 1843. Secondary and miocene marls on and near Lynch's Creek in Darlington, Sumter, Williamsburg, and Marion districts, S. C. 2149  
 In Tuomey, M. Report on geological and agricultural survey, in 1844, p. 59-63.  
 Also printed in Southern agriculturist. v. 4, series 2, 1844, p. 122-127.
- The supposed calcareous character of certain rocks and soils in Florida practically tested. 2150  
 In Southern planter. v. 21, 1861, p. 106-109.
- Two great evils of Virginia, and their one common remedy. An argument on the free negro problem. 2151  
 This title is taken from J. W. Randolph's book catalogue. I have not seen a copy.

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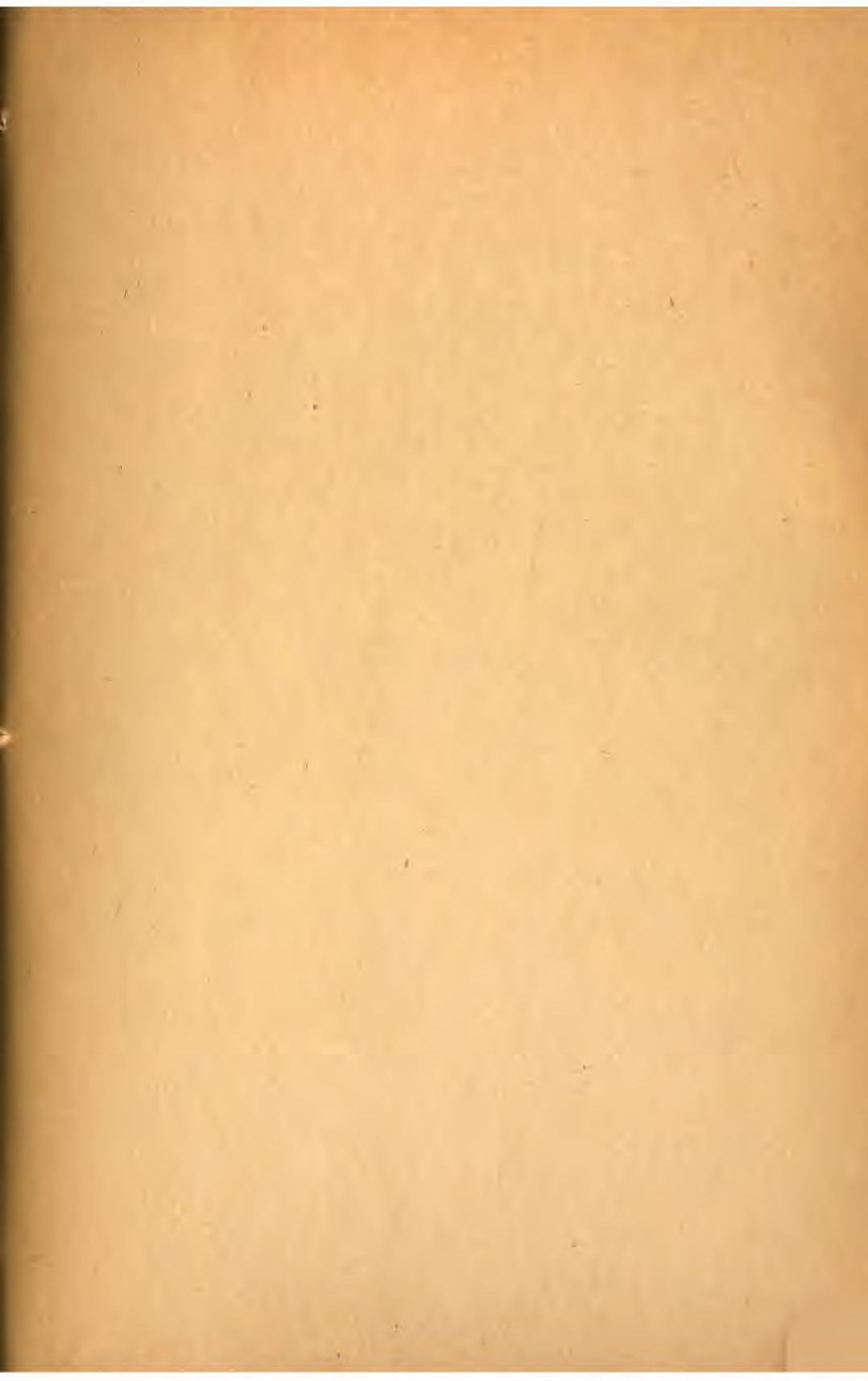
- Seventh annual report of the Library Board for year ending October 31, 1910. 1911. 142, 52, 47 p. A record of Virginia copyright entries, 1790-1844. Introduction by J. H. Whitty, 52 p. The seal of Virginia, by E. S. Evans, 47 p.
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- Fifteenth annual report of the Library Board for year ending September 30, 1918. Proceedings of the Committee of Safety of Cumberland and Isle of Wight counties, Virginia. In press.
- \*Bulletin, v. 1, no. 1, Jan., 1908. Provisional list of works on genealogy. 33 p.
- \*Bulletin, v. 1, no. 2, April, 1908. Finding list of biography, p. 34-131. by E. G. Swem.
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- Bulletin, v. 4, nos. 2-4, April-Oct., 1911. Finding list of science, agriculture, technology, military and naval science. Compiled by E. G. Swem, p. 73-501.
- \*Bulletin, v. 5, no. 1, Jan., 1912. A complete index to Stith's History of Virginia. By Morgan P. Robinson, 152 p.
- Bulletin, v. 5, no. 2, April, 1912. Finding list of books relating to printing, book industries, libraries and bibliography. Compiled by E. G. Swem.
- Bulletin, v. 5, no. 3, July, 1912. Finding list of music, fine arts and photography. Compiled by E. G. Swem.

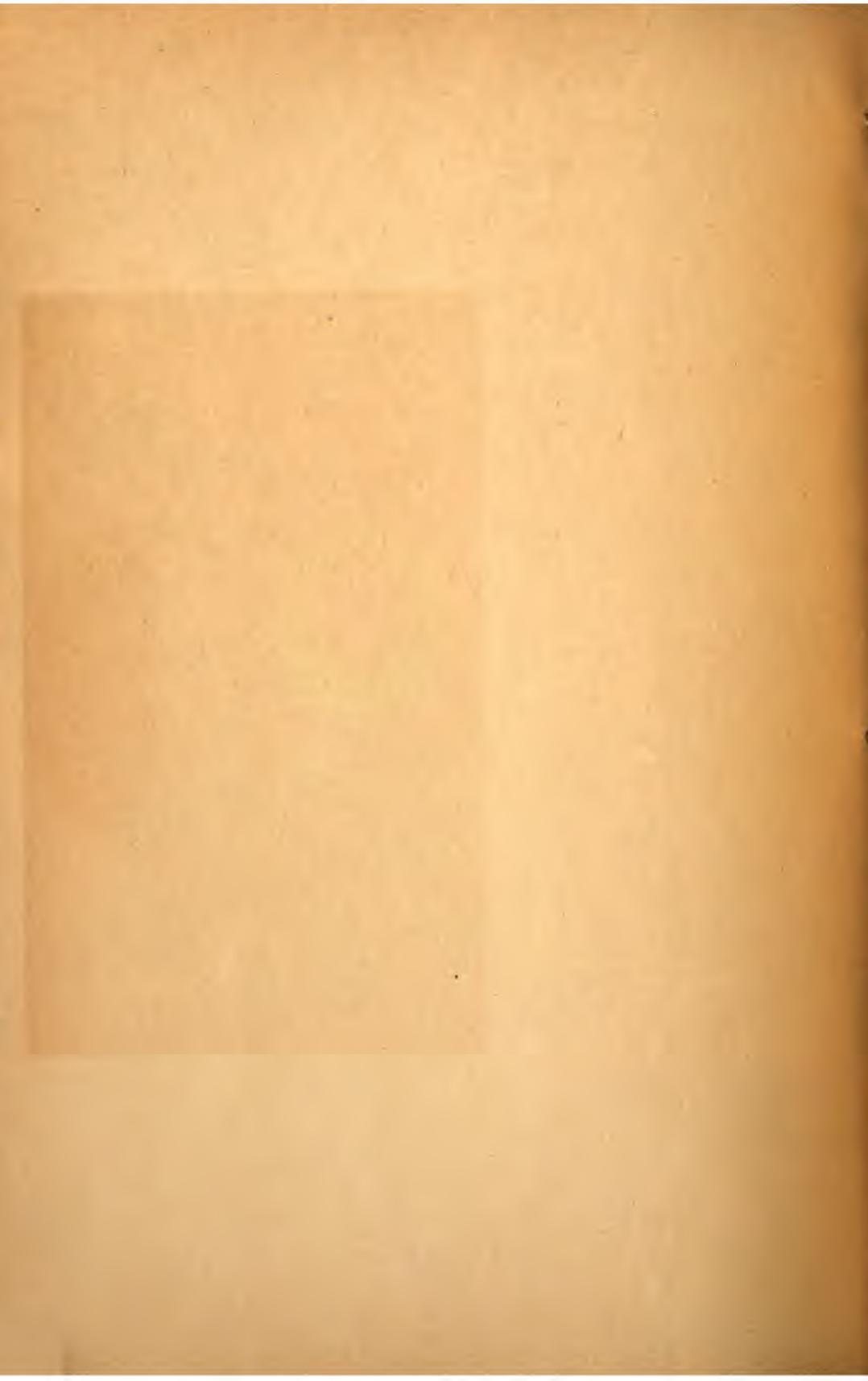
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- \*Bulletin, v. 8, no. 1, Jan., 1915. A list of some books on debating in the Virginia State Library. By E. G. Swem.
- Bulletin, v. 8, nos. 2-4, April-Oct., 1915. A bibliography of Virginia, part 1. By E. G. Swem, p. 31-767. Price \$1.00.
- Bulletin, v. 9, nos. 1, 2 and 3. Jan.-July, 1916. Virginia counties, those resulting from Virginia legislation. By M. P. Robinson. 283 p. Price \$1.00.
- Bulletin, v. 9, no. 4, Oct., 1916. French newspapers of 1848-50 in the Virginia State Library. By E. G. Swem.
- Bulletin, v. 10, nos. 1-4. Jan.-Oct., 1917. A bibliography of Virginia. Part 2. By E. G. Swem. 1404 p. Price \$2.50.
- Bulletin, v. 11, nos. 1, 2. Jan.-April, 1918. A contribution to the bibliography of agriculture in Virginia. Edited by E. G. Swem, from the notes of N. F. Cabell.
- Bulletin, v. 11, nos. 3, 4. July-Oct., 1918. An analysis of Ruffin's Farmers' Register, with a bibliography of Edmund Ruffin. By E. G. Swem.
- \*Legislative reference lists for 1908, published separately in leaflet form. By E. G. Swem.
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